Kendi F Davies

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1300658/publications.pdf

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50 papers	8,730 citations	186265 28 h-index	197818 49 g-index
50 all docs	50 docs citations	50 times ranked	12023 citing authors

#	Article	IF	Citations
1	Habitat fragmentation and its lasting impact on Earthâ€™s ecosystems. Science Advances, 2015, 1, e1500052.	10.3	2,541
2	Herbivores and nutrients control grassland plant diversity via light limitation. Nature, 2014, 508, 517-520.	27.8	669
3	Disentangling the Drivers of Î² Diversity Along Latitudinal and Elevational Gradients. Science, 2011, 333, 1755-1758.	12.6	617
4	Integrative modelling reveals mechanisms linking productivity and plant species richness. Nature, 2016, 529, 390-393.	27.8	564
5	Eutrophication weakens stabilizing effects of diversity in natural grasslands. Nature, 2014, 508, 521-525.	27.8	409
6	Grassland productivity limited by multiple nutrients. Nature Plants, 2015, 1, 15080.	9.3	403
7	SPATIAL HETEROGENEITY EXPLAINS THE SCALE DEPENDENCE OF THE NATIVEâ€“EXOTIC DIVERSITY RELATIONSHIP. Ecology, 2005, 86, 1602-1610.	3.2	375
8	Addition of multiple limiting resources reduces grassland diversity. Nature, 2016, 537, 93-96.	27.8	355
9	Invasion in a heterogeneous world: resistance, coexistence or hostile takeover?. Ecology Letters, 2007, 10, 77-94.	6.4	343
10	WHICH TRAITS OF SPECIES PREDICT POPULATION DECLINES IN EXPERIMENTAL FOREST FRAGMENTS?. Ecology, 2000, 81, 1450-1461.	3.2	337
11	A SYNERGISTIC EFFECT PUTS RARE, SPECIALIZED SPECIES AT GREATER RISK OF EXTINCTION. Ecology, 2004, 85, 265-271.	3.2	254
12	Effects of habitat fragmentation on carabid beetles: experimental evidence. Journal of Animal Ecology, 1998, 67, 460-471.	2.8	229
13	REGIONAL AND LOCAL SPECIES RICHNESS IN AN INSULAR ENVIRONMENT: SERPENTINE PLANTS IN CALIFORNIA. Ecological Monographs, 2006, 76, 41-56.	5.4	157
14	Anthropogenic nitrogen deposition predicts local grassland primary production worldwide. Ecology, 2015, 96, 1459-1465.	3.2	143
15	Plant speciesâ€™ origin predicts dominance and response to nutrient enrichment and herbivores in global grasslands. Nature Communications, 2015, 6, 7710.	12.8	143
16	Speciesâ€™ traits predict the effects of disturbance and productivity on diversity. Ecology Letters, 2008, 11, 348-356.	6.4	141
17	Differentiating between niche and neutral assembly in metacommunities using null models of Î²â€diversity. Oikos, 2016, 125, 778-789.	2.7	123
18	Stochastic and deterministic drivers of spatial and temporal turnover in breeding bird communities. Global Ecology and Biogeography, 2013, 22, 202-212.	5.8	121

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19	PRODUCTIVITY ALTERS THE SCALE DEPENDENCE OF THE DIVERSITYâ€“INVASIBILITY RELATIONSHIP. Ecology, 2007, 88, 1940-1947.	3.2	86
20	EFFECTS OF WITHIN- AND BETWEEN-PATCH PROCESSES ON COMMUNITY DYNAMICS IN A FRAGMENTATION EXPERIMENT. Ecology, 2001, 82, 1830-1846.	3.2	82
21	Native communities determine the identity of exotic invaders even at scales at which communities are unsaturated. Diversity and Distributions, 2011, 17, 35-42.	4.1	67
22	INVASION IN A DIVERSITY HOTSPOT: EXOTIC COVER AND NATIVE RICHNESS IN THE CALIFORNIAN SERPENTINE FLORA. Ecology, 2006, 87, 695-703.	3.2	57
23	Phylogenetic patterns differ for native and exotic plant communities across a richness gradient in Northern California. Diversity and Distributions, 2010, 16, 892-901.	4.1	56
24	Evaluating conceptual models of landscape change. Ecography, 2017, 40, 74-84.	4.5	35
25	Belowground Biomass Response to Nutrient Enrichment Depends on Light Limitation Across Globally Distributed Grasslands. Ecosystems, 2019, 22, 1466-1477.	3.4	34
26	Anthropogenicâ€based regionalâ€scale factors most consistently explain plotâ€level exotic diversity in grasslands. Global Ecology and Biogeography, 2014, 23, 802-810.	5.8	32
27	Which Traits of Species Predict Population Declines in Experimental Forest Fragments?. Ecology, 2000, 81, 1450.	3.2	32
28	Factors controlling community structure in heterogeneous metacommunities. Journal of Animal Ecology, 2009, 78, 937-944.	2.8	30
29	Response to Comments on â€œProductivity Is a Poor Predictor of Plant Species Richnessâ€. Science, 2012, 335, 1441-1441.	12.6	30
30	Regional Contingencies in the Relationship between Aboveground Biomass and Litter in the Worldâ€™s Grasslands. PLoS ONE, 2013, 8, e54988.	2.5	27
31	Shortâ€and longâ€term effects of habitat fragmentation differ but are predicted by response to the matrix. Ecology, 2017, 98, 807-819.	3.2	27
32	Statistical models of invertebrate distribution on Macquarie Island: a tool to assess climate change and local human impacts. Polar Biology, 1999, 21, 240-250.	1.2	25
33	Global impacts of fertilization and herbivore removal on soil net nitrogen mineralization are modulated by local climate and soil properties. Global Change Biology, 2020, 26, 7173-7185.	9.5	25
34	A continentâ€wide study reveals clear relationships between regional abiotic conditions and postâ€dispersal seed predation. Journal of Biogeography, 2015, 42, 662-670.	3.0	23
35	Statistical models for monitoring and predicting effects of climate change and invasion on the free-living insects and a spider from sub-Antarctic Heard Island. Polar Biology, 2011, 34, 119-125.	1.2	18
36	Nutrient identity modifies the destabilising effects of eutrophication in grasslands. Ecology Letters, 2022, 25, 754-765.	6.4	17

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37	The status of two exotic terrestrial Crustacea on sub-Antarctic Macquarie Island. Polar Record, 2008, 44, 15-23.	0.8	12
38	Generalist predator's niche shifts reveal ecosystem changes in an experimentally fragmented landscape. Ecography, 2018, 41, 1209-1219.	4.5	12
39	Experimental habitat fragmentation disrupts nematode infections in Australian skinks. Ecology, 2019, 100, e02547.	3.2	12
40	Effects of within- and between-Patch Processes on Community Dynamics in a Fragmentation Experiment. Ecology, 2001, 82, 1830.	3.2	12
41	Nitrogen increases earlyâ€stage and slows lateâ€stage decomposition across diverse grasslands. Journal of Ecology, 2022, 110, 1376-1389.	4.0	12
42	Response to Comments on â€œDisentangling the Drivers of Î² Diversity Along Latitudinal and Elevational Gradientsâ€. Science, 2012, 335, 1573-1573.	12.6	8
43	The use of traits to interpret responses to large scale - edge effects: a study of epigaeic beetle assemblages across a Eucalyptus forest and pine plantation edge. Landscape Ecology, 2016, 31, 1815-1831.	4.2	8
44	Shrinking skinks: lizard body size declines in a long-term forest fragmentation experiment. Landscape Ecology, 2019, 34, 1395-1409.	4.2	8
45	A longâ€term habitat fragmentation experiment leads to morphological change in a species of carabid beetle. Ecological Entomology, 2018, 43, 282-293.	2.2	6
46	Experimental habitat fragmentation disrupts hostâ€“parasite interaction over decades via lifeâ€cycle bottlenecks. Ecology, 2022, 103, e3758.	3.2	5
47	Spatial and temporal variability of fragmentation effects in a long term, eucalypt forest fragmentation experiment. Landscape Ecology, 2018, 33, 609-623.	4.2	4
48	The dynamic matrix predicts population response to long-term experimental forest fragmentation. Landscape Ecology, 2022, 37, 1483-1495.	4.2	3
49	Differential and delayed response of two ant species to habitat fragmentation via the introduction of a pine matrix. Ecological Entomology, 2016, 41, 554-561.	2.2	1
50	Plant community data from a statewide survey of paired serpentine and nonâ€serpentine soils in California, USA. Ecology, 2022, , e3644.	3.2	0